=> d ibib 1-14

PCTFULL L3 COPYRIGHT 2007 Univentio on STN ANSWER 1 OF 14 ACCESSION NUMBER: 2005116044 PCTFULL ED 20051213 EW 200549 TITLE (ENGLISH): PROCESS FOR PRODUCING INDOLOPYRROLOCARBAZOLE DERIVATIVE TITLE (FRENCH): PROCEDE SERVANT A PRODUIRE UN DERIVE D' INDOLOPYRROLOCARBAZOLE INVENTOR(S): IIDA, Takehiko, 9-20-301, Aza Higashinogou, Hanecho, Okazaki-shi, Aichi 4440813, JP [JP, JP]; HIRAGA, Shouichi, 14-12, Tatsumiminami 4-chome, Okazaki-shi, Aichi 4440874, JP [JP, JP]; TAKEZAWA, Akihiro, 8-1-301, Kamimutsuna 2-chome, Okazaki-shi, Aichi 4440858, JP [JP, JP]; MASE, Toshiaki, 7-1, Wakamatsuhigashi 3-chome, Okazaki-shi, Aichi 4440822, JP [JP, JP] PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 1038416, JP [JP, JP], for all designates States except US; IIDA, Takehiko, 9-20-301, Aza Higashinogou, Hanecho, Okazaki-shi, Aichi 4440813, JP [JP, JP], for US only; HIRAGA, Shouichi, 14-12, Tatsumiminami 4-chome, Okazaki-shi, Aichi 4440874, JP [JP, JP], for US only; TAKEZAWA, Akihiro, 8-1-301, Kamimutsuna 2-chome, Okazaki-shi, Aichi 4440858, JP [JP, JP], for US only; MASE, Toshiaki, 7-1, Wakamatsuhigashi 3-chome, Okazaki-shi, Aichi 4440822, JP [JP, JP], for US only AGENT: IWATANI, Ryo\$, ORIX Dojima Bldg. 3F, 1-31, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003\$, JP LANGUAGE OF FILING: Japanese LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent PATENT INFORMATION: NUMBER KIND DATE -----WO 2005116044 A1 20051208 DESIGNATED STATES W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW RW (ARIPO): RW (EAPO): AM AZ BY KG KZ MD RU TJ TM AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT RW (EPO): LT LU MC NL PL PT RO SE SI SK TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG RW (OAPI): PRIORITY INFO.: JP 2004-2004-160193 20040528 APPLICATION INFO.: WO 2005-JP9674 A 20050526 ANSWER 2 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN ACCESSION NUMBER: 2005026185 PCTFULL ED 20050330 EW 200512 TITLE (ENGLISH): NOVEL INDOLOPYRROLOCARBAZOLE DERIVATIVE WITH ANTITUMOR ACTIVITY TITLE (FRENCH): NOUVEAU DERIVE D'INDOLOPYRROLOCARBAZOLE A ACTIVE ANTI-TUMEUR INVENTOR (S): YAMADA, Koji, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP]; SUNAMI, Satoshi, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,

Ibaraki 3002611, JP [JP, JP];

Clinical Development Institute, AIG Kabutocho Building, 5-1, Nihombashi-kabutocho, Chuo-ku, Tokyo 1030026, JP [JP, JP]; OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP]; ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP] PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 1038416, JP [JP, JP], for all designates States except US; YAMADA, Koji, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP], for US only; SUNAMI, Satoshi, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP], for US only; HIROSE, Masaaki, c/o BANYU PHARMACEUTICAL CO., LTD., Clinical Development Institute, AIG Kabutocho Building, 5-1, Nihombashi-kabutocho, Chuo-ku, Tokyo 1030026, JP [JP, JP], for US only; OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP], for US only; ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD., Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 3002611, JP [JP, JP], for US only AGENT: BANYU PHARMACEUTICAL CO., LTD.\$, 2-3, Nihombashi Honcho 2-chome, Chuo-ku Tokyo 1038416\$, JP LANGUAGE OF FILING: Japanese LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent PATENT INFORMATION: NUMBER KIND DATE -----WO 2005026185 A1 20050324 DESIGNATED STATES W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW RW (EAPO): AM AZ BY KG KZ MD RU TJ TM RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG PRIORITY INFO.: JP 2003-2003-322550 20030916 APPLICATION INFO.: WO 2004-JP14661 A 20040914 ANSWER 3 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN ACCESSION NUMBER: 2005010020 PCTFULL ED 20050208 EW 200505 TITLE (ENGLISH): INDOLOPYRROLOCABAZOLE DERIVATIVE AND ANTITUMOR AGENT TITLE (FRENCH): DERIVE D'INDOLOPYRROLOCARBAZOLE ET AGENT ANTITUMORAL INVENTOR (S): OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611, JP [JP, JP]; ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi,

HIROSE, Masaaki, c/o BANYU PHARMACEUTICAL CO., LTD.,

Ibaraki, 3002611, JP [JP, JP] BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo, 1038416, JP [JP, JP], PATENT ASSIGNEE(S): for all designates States except US; OHKUBO, Mitsuru, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611, JP [JP, JP], for US only; ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki, 3002611, JP [JP, JP], for US only BANYU PHARMACEUTICAL CO., LTD.\$, 2-3, Nihombashi Honcho AGENT: 2-chome, Chuo-ku, Tokyo, 1038416\$, JP LANGUAGE OF FILING: Japanese LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent PATENT INFORMATION: NUMBER KIND DATE WO 2005010020 A1 20050203 DESIGNATED STATES W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW RW (ARIPO): RW (EAPO): AM AZ BY KG KZ MD RU TJ TM AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU RW (EPO): MC NL PL PT RO SE SI SK TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG RW (OAPI): JP 2003-PCT/JP03/09392 20030724 PRIORITY INFO.: WO 2004-JP10742 A 20040721 APPLICATION INFO.: ANSWER 4 OF 14 COPYRIGHT 2007 Univentio on STN PCTFULL ACCESSION NUMBER: 2004018495 PCTFULL ED 20040310 EW 200410 TITLE (ENGLISH): PROCESS FOR PRODUCING INDOLOPYRROLOCARBAZOLE DERIVATIVE TITLE (FRENCH): PROCEDE DE PRODUCTION D'UN DERIVE INDOLOPYRROLOCARBAZOLE INVENTOR(S): AKAO, Atsushi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP]; KAWASAKI, Masashi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP]; KAMATANI, Asayuki, 11515-10 Compass Point Dr.N., San Diego, CA 92126-5549, US [JP, US]; MASE, Toshiaki, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP] BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi PATENT ASSIGNEE(S): Honcho 2-chome, Chuo-ku, Tokyo 103-8416, JP [JP, JP], for all designates States except US; AKAO, Atsushi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP], for US only; KAWASAKI, Masashi, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi, Aichi 444-0858, JP [JP, JP], for US only; KAMATANI, Asayuki, 11515-10 Compass Point Dr.N., San Diego, CA 92126-5549, US [JP, US], for US only;

> MASE, Toshiaki, c/o Banyu Pharmaceutical Co., Ltd., Okazaki Site, 9-1, Kamimutsuna 3-chome, Okazaki-shi,

Aichi 444-0858, JP [JP, JP], for US only IWATANI, Ryo\$, Sakurabashi Chiyoda Build. 5F, 1-27, AGENT: Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003\$, JP LANGUAGE OF FILING: Japanese LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent PATENT INFORMATION: NUMBER KIND DATE WO 2004018495 A1 20040304 DESIGNATED STATES W: AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NI NO NZ OM PG PH PL RU SC SG SY TJ TM TN TT UA US UZ VC VN YU ZA RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW RW (EAPO): AM AZ BY KG KZ MD RU TJ TM RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG PRIORITY INFO.: JP 2002-2002-244173 20020823 APPLICATION INFO.: WO 2003-JP10672 A 20030822 L3 ANSWER 5 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN ACCESSION NUMBER: 2003080077 PCTFULL ED 20031008 EW 200340 TITLE (ENGLISH): USE OF ANTITUMOR INDOLOPYRROLOCARBAZOLE DERIVATIVE AND OTHER ANTICANCER AGENT IN COMBINATION TITLE (FRENCH): UTILISATION COMBINEE DE DERIVES ANTICANCEREUX DE L' INDOLOPYRROLOCARBAZOLE ET D'UN AUTRE AGENT ANTICANCEREUX INVENTOR(S): ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP]; MONDEN, Yoshiaki, c/o BANYU PHARMACEUTICAL CO., LTD. Licensing, 5-1, Nihombashi-Kabutocho, Chou-ku, Tokyo 103-0026, JP [JP, JP]; NAKATSURU, Yoko, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP]; KODERA, Tsutomu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP] BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi PATENT ASSIGNEE(S): Honcho 2-chome, Chou-ku, Tokyo 103-8416, JP [JP, JP], for all designates States except US; ARAKAWA, Hiroharu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP], for US only; MONDEN, Yoshiaki, c/o BANYU PHARMACEUTICAL CO., LTD. Licensing, 5-1, Nihombashi-Kabutocho, Chou-ku, Tokyo 103-0026, JP [JP, JP], for US only; NAKATSURU, Yoko, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP], for US only; KODERA, Tsutomu, c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611, JP [JP, JP], for US only BANYU PHARMACEUTICAL CO., LTD.\$, 2-3, Nihombashi Honcho AGENT: 2-chome, Chou-ku, Tokyo 103-8416\$, JP LANGUAGE OF FILING: Japanese LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent PATENT INFORMATION:

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APPLICATION INFO .:
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       ANSWER 6 OF 14
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ACCESSION NUMBER:
                        2002079214 PCTFULL ED 20021022 EW 200241
TITLE (ENGLISH):
                        PREPARATION AND ISOLATION OF INDOLOCARBAZOLE GLYCOSIDES
                        PREPARATION ET ISOLEMENT DE GLYCOSIDES INDOLOCARBAZOLES
TITLE (FRENCH):
                        WEISSMAN, Steven, 126 East Lincoln Avenue, Rahway, NJ
INVENTOR(S):
                        07065-0907, US [US, US];
                        TSCHAEN, David, 126 East Lincoln Avenue, Rahway, NJ
                        07065-0907, US [US, US];
                        IIDA, Takehiko, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP];
                        KAWASAKI, Masashi, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP];
                        HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP];
                        KAMATANI, Asayuki, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP]
PATENT ASSIGNEE(S):
                        MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
                        07065-0907, US [US, US], for all designates States
                        except US;
                          BANYU PHARMACEUTICAL CO., LTD., 2-3, Nihombashi
                        Honcho 2-Chome, Chuo-ku, Tokyo 103-8416, JP [JP, JP],
                        for all designates States except US;
                        WEISSMAN, Steven, 126 East Lincoln Avenue, Rahway, NJ
                        07065-0907, US [US, US], for US only;
                        TSCHAEN, David, 126 East Lincoln Avenue, Rahway, NJ
                        07065-0907, US [US, US], for US only;
                        IIDA, Takehiko, 2-3, Nihombashi Honcho 2-Chome,
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                        KAWASAKI, Masashi, 2-3, Nihombashi Honcho 2-Chome,
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                        KAMATANI, Asayuki, 2-3, Nihombashi Honcho 2-Chome,
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AGENT:
                        MERCK & CO., INC.$, 126 East Lincoln Avenue, Rahway, NJ
                        07065-0907$, US
LANGUAGE OF FILING:
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PRIORITY INFO.:
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       ANSWER 7 OF 14
                         PCTFULL COPYRIGHT 2007 Univentio on STN
L3
ACCESSION NUMBER:
                        2002036601 PCTFULL ED 20020523 EW 200219
TITLE (ENGLISH):
                        PHASE TRANSFER CATALYZED GLYCOSIDATION OF AN
                        INDOLOCARBAZOLE
TITLE (FRENCH):
                        GLYCOSIDATION D'UN INDOLOCARBAZOLE CATALYSEE PAR
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INVENTOR (S):
                        PETRILLO, Daniel, E., 126 East Lincoln Avenue, Rahway,
                        NJ 07065-0907, US [US, US];
                        WEISSMAN, Steven, A., 126 East Lincoln Avenue, Rahway,
                        NJ 07065-0907, US [US, US];
                        ROSSEN, Kai, 126 East Lincoln Avenue, Rahway, NJ
                         09065-0907, US [DE, US];
                        HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP];
                        SATAKE, Nobuya, 2-3, Nihombashi Honcho 2-Chome,
                        Chuo-ku, Tokyo 103-8416, JP [JP, JP]
PATENT ASSIGNEE(S):
                        MERCK & CO., INC., 126 East Lincoln Avenue, Rahway, NJ
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                        Honcho 2-Chome, Chuo-ku, Tokyo 103-8416, JP [JP, JP],
                         for all designates States except US;
                        PETRILLO, Daniel, E., 126 East Lincoln Avenue, Rahway,
                        NJ 07065-0907, US [US, US], for US only;
WEISSMAN, Steven, A., 126 East Lincoln Avenue, Rahway,
NJ 07065-0907, US [US, US], for US only;
                        ROSSEN, Kai, 126 East Lincoln Avenue, Rahway, NJ
                        09065-0907, US [DE, US], for US only;
                        HIRAGA, Shouichi, 2-3, Nihombashi Honcho 2-Chome,
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AGENT:
                        MERCK & CO., INC.$, 126 East Lincoln Avenue, Rahway, NJ
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LANGUAGE OF FILING:
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PRIORITY INFO.:
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WO 2001-US47603 A 20011026

APPLICATION INFO.:

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ANSWER 8 OF 14
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ACCESSION NUMBER:
                       2001062769 PCTFULL ED 20020822
TITLE (ENGLISH):
                       PROCESS FOR PREPARING INDOLOPYRROLOCARBAZOLE
                       DERIVATIVES, INTERMEDIATES THEREFOR, AND PREPARATION
                       PROCESS OF THE INTERMEDIATES
TITLE (FRENCH):
                       PROCEDE DE PREPARATION DE DERIVES D'
                       INDOLOPYRROLOCARBAZOLE, LEURS INTERMEDIAIRES,
                       ET PROCEDE DE PREPARATION DES INTERMEDIAIRES
INVENTOR(S):
                       HIRAGA, Shouichi;
                       KAWASAKI, Masashi;
                       AKAO, Atsushi;
                       KAMATANI, Asayuki;
                       HAGIWARA, Masayuki;
                       NAKANO, Fumio;
                       MASE, Toshiaki
                       BANYU PHARMACEUTICAL CO., LTD.;
PATENT ASSIGNEE(S):
                       HIRAGA, Shouichi;
                       KAWASAKI, Masashi;
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ACCESSION NUMBER:
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TITLE (ENGLISH):
                       EFFECTIVE PRODUCTION METHOD OF BE-13793C
TITLE (FRENCH):
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INVENTOR(S):
                       BURGESS, Bruce, W.;
                       GREASHAM, Randolph, L.;
                       LEE, Chanyong;
                       SUN, Wen-Jun;
                       SUDA, Hiroyuki;
                       KAWAMURA, Kenji
PATENT ASSIGNEE(S):
                       BANYU PHARMACEUTICAL CO., LTD.;
                       BURGESS, Bruce, W.;
                       GREASHAM, Randolph, L.;
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LANGUAGE OF PUBL.:
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       ANSWER 10 OF 14
ACCESSION NUMBER:
                       1997009339 PCTFULL ED 20020514
TITLE (ENGLISH):
                       ANTITUMOR INDOLOPYRROLOCARBAZOLE DERIVATIVES
TITLE (FRENCH):
                        DERIVES ANTITUMORAUX D'INDOLOPYRROLOCARBAZOLE
INVENTOR(S):
                        KOJIRI, Katsuhisa;
                        KONDO, Hisao;
                        ARAKAWA, Hiroharu;
                        OHKUBO, Mitsuru;
                        SUDA, Hiroyuki
PATENT ASSIGNEE(S):
                        BANYU PHARMACEUTICAL CO., LTD.;
                        KOJIRI, Katsuhisa;
                        KONDO, Hisao;
                        ARAKAWA, Hiroharu;
                        OHKUBO, Mitsuru;
                        SUDA, Hiroyuki
LANGUAGE OF PUBL.:
                        Japanese
DOCUMENT TYPE:
                        Patent
PATENT INFORMATION:
                                         KIND
                       NUMBER
                                                 DATE
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                        WO 9709339
                                           A1 19970313
DESIGNATED STATES
      W:
                        AU CA CN JP KR US AT BE CH DE DK ES FI FR GB GR IE IT
                       LU MC NL PT SE
PRIORITY INFO.:
                       JP 1995-7/251855
                                               19950905
                       WO 1996-JP2404
APPLICATION INFO.:
                                           A. 19960828
                       PCTFULL COPYRIGHT 2007 Univentio on STN
       ANSWER 11 OF 14
ACCESSION NUMBER:
                       1996004293 PCTFULL ED 20020514
TITLE (ENGLISH):
                       ANTITUMOR INDOLOPYRROLOCARBAZOLES
TITLE (FRENCH):
                       INDOLOPYRROLOCARBAZOLES ANTITUMORAUX
INVENTOR (S):
                       KOJIRI, Katsuhisa;
                       SHIMOKAWA, Haruki;
                       OHKUBO, Mitsuru;
                       KAWAMURA, Kenji;
                       KONDO, Hisao;
                       ARAKAWA, Hiroharu;
                       SUDA, Hiroyuki
PATENT ASSIGNEE(S):
                       BANYU PHARMACEUTICAL CO., LTD.;
                       KOJIRI, Katsuhisa;
                       SHIMOKAWA, Haruki;
                       OHKUBO, Mitsuru;
                       KAWAMURA, Kenji;
                       KONDO, Hisao;
                       ARAKAWA, Hiroharu;
                       SUDA, Hiroyuki
LANGUAGE OF PUBL.:
                       Japanese
DOCUMENT TYPE:
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PATENT INFORMATION:
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                                                 DATE
                       WO 9604293
                                          A1 19960215
DESIGNATED STATES
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PRIORITY INFO.: JP 1994-6/200110 19940802 WO 1995-JP1490 A 19950726 APPLICATION INFO.:

ANSWER 12 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN

ACCESSION NUMBER: 1995034663 PCTFULL ED 20020514

GENE CODING FOR GLYCOSYLTRANSFERASE AND USE THEREOF TITLE (ENGLISH): TITLE (FRENCH): GENE CODANT LA GLYCOSYL-TRANSFERASE ET UTILISATION DE

CE GENE

INVENTOR(S): KOJIRI, Katsuhisa; SUZUKI, Hajime;

KONDO, Hisao; SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;

> KOJIRI, Katsuhisa; SUZUKI, Hajime; KONDO, Hisao; SUDA, Hiroyuki

LANGUAGE OF PUBL.:

Japanese DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER -KIND DATE -----WO 9534663 A1 19951221

DESIGNATED STATES

AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU W:

MC NL PT SE

PRIORITY INFO.: JP 1994-6/154127 19940613 APPLICATION INFO.: WO 1995-JP1065 A 19950531

ANSWER 13 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN

1995030682 PCTFULL ED 20020514 ACCESSION NUMBER:

TITLE (ENGLISH): ANTITUMOR INDOLOPYPROLOCARBAZOLE DERIVATIVE TITLE (FRENCH): DERIVE D'INDOLOPYROLOCARBAZOLE ANTITUMORAL

INVENTOR(S): KOJIRI, Katsuhisa;

KONDO, Hisao; ARAKAWA, Hiroharu; OHKUBO, Mitsuru; SUDA, Hiroyuki

PATENT ASSIGNEE(S): BANYU PHARMACEUTICAL CO., LTD.;

> KOJIRI, Katsuhisa; KONDO, Hisao; ARAKAWA, Hiroharu; OHKUBO, Mitsuru; SUDA, Hiroyuki

LANGUAGE OF PUBL.: Japanese DOCUMENT TYPE: Patent

PATENT INFORMATION:

NUMBER KIND DATE WO 9530682 A1 19951116

DESIGNATED STATES

W: AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU

MC NL PT SE

19940509 PRIORITY INFO.: JP 1994-6/119483 JP 1994-6/145648 19940603 APPLICATION INFO.: A 19950502 WO 1995-JP868

ANSWER 14 OF 14 PCTFULL COPYRIGHT 2007 Univentio on STN

ACCESSION NUMBER: 1993011145 PCTFULL ED 20020513 TITLE (ENGLISH): INDOLOPYRROLOCARBAZOLE DERIVATIVES TITLE (FRENCH): DERIVES INDOLOPYRROLOCARBAZOLE

INVENTOR(S): KOJIRI, Katsuhisa;

KONDO, Hisao;

ARAKAWA, Hiroharu; OHKUBO, Mitsuru;

SUDA, Hiroyuki

BANYU PHARMACEUTICAL CO., LTD. PATENT ASSIGNEE(S):

LANGUAGE OF PUBL.: English DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER KIND -----WO 9311145 A1 19930610

DESIGNATED STATES

W: PRIORITY INFO.: BG BR PL RO RU

JP 1991-3/341916 19911129

JP 1992-4/69269 19920218

JP 1992-4/257306 19920901

APPLICATION INFO.: WO 1992-JP1549 A 19921127